

ABSTRACT

In a label switching router and a path switchover method thereof
when a path fault occurs, a relay label switching router registers a hop
5 destination indicated in a received message in a path hop list,
forwards the message to a next hop destination without deleting the
hop destination, and notifies an identifier of a path in which a fault
has recovered to an ingress label switching router based on the path
hop list, an egress label switching router registers the hop destination
10 indicated in the received message in a path hop list, and notifies an
identifier of a path in which a fault has recovered to the ingress label
switching router based on the path hop list, and the ingress label
switching router regards, when detecting a recovery of a path higher
in priority than an active path or when receiving a recovery
15 notification, the recovered path as an active path.